

(No Model.)

W. D. MASON.
DROP LIGHT ATTACHMENT.

No. 384,052.

Patented June 5, 1888.

Fig. 1.

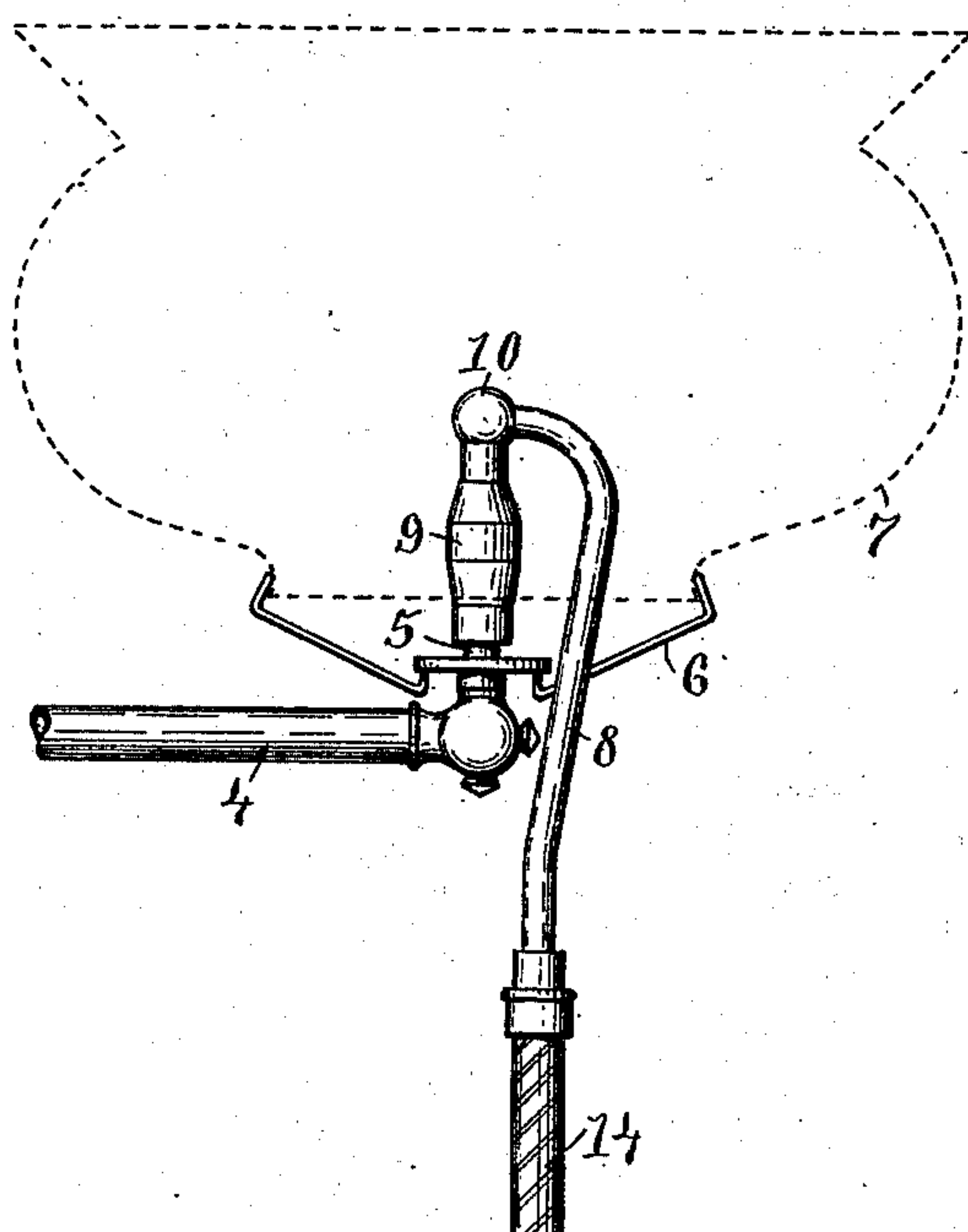
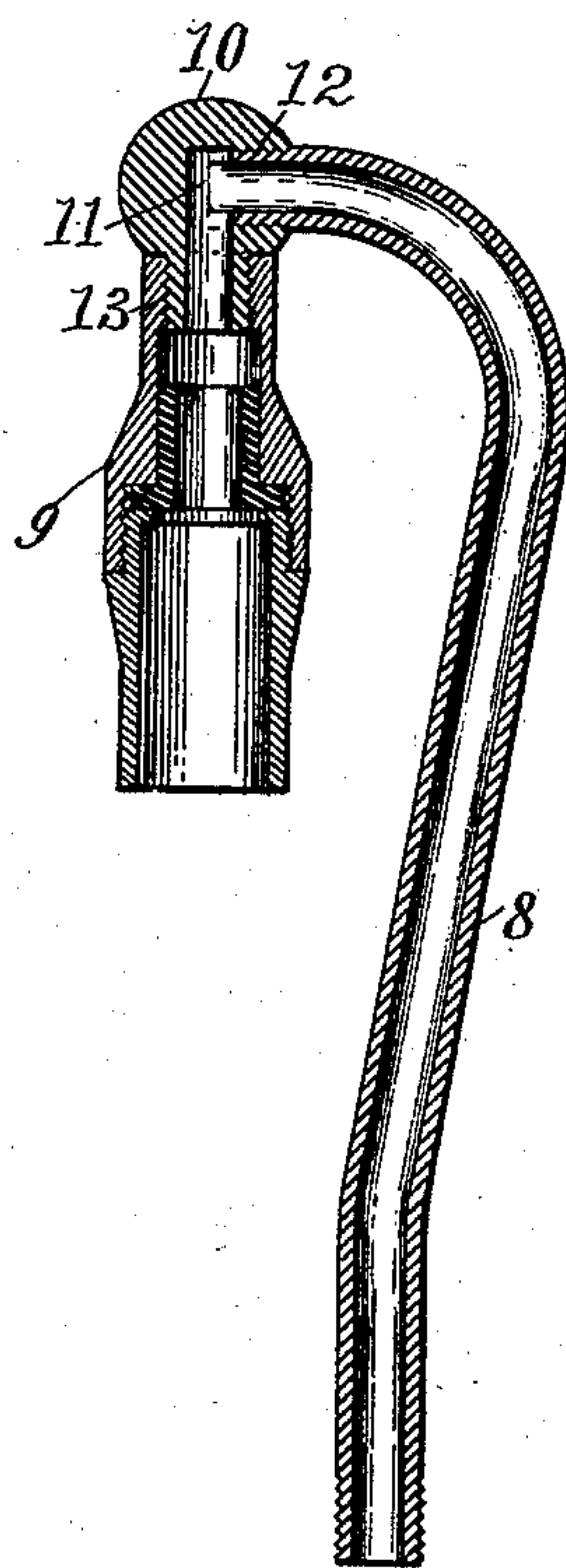


Fig. 2.



WITNESSES:

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UNITED STATES PATENT OFFICE.

WILLIAM D. MASON, OF PROVIDENCE, RHODE ISLAND.

DROP-LIGHT ATTACHMENT.

SPECIFICATION forming part of Letters Patent No. 384,052, dated June 5, 1888.

Application filed July 19, 1887. Serial No. 244,703. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM D. MASON, of Providence, in the county of Providence and State of Rhode Island, have invented certain new and useful Improvements in Drop-Light Attachments, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, forming part of this specification.

10 This invention relates to what is known as a "stork-neck attachment for drop-lights," and which is a device for temporarily connecting the flexible-tube of the drop-light with a gas-burner in order to supply the drop with gas. In these stork-neck attachments the pipe forming the curved-neck part is required to make a very short bend or curve relative to the gas-socket connected therewith, in order that the attachment may be conveniently entered through the base-opening of an ordinary globe and readily secured to or removed from the burner through such opening.

The objects of my invention are to provide a neat and compact attachment or stork-neck, which may be made very cheaply and strongly, and which will be a very efficient article for the purpose of its design.

To the aforesaid purposes my invention consists, essentially, in connecting the gas socket piece with the curved gas-tube by means of an elbow-pipe coupling, as hereinafter fully described and claimed.

In the accompanying drawings, illustrating my invention, Figure 1 is a side view of a portion of a gas-bracket provided with a gas-burner to which my improved stork-neck attachment is connected. The gas-bracket is also shown as having a globe-holder mounted thereon, with a globe set thereon and indicated in broken lines. Fig. 2 is an enlarged longitudinal sectional detail view of the improved attachment, and shows the curved gas-tube and the elbow-coupling piece secured to the upper curved end of the tube, and the gas-socket also secured to the coupling-piece.

In the said drawings like numbers of reference designate corresponding parts throughout.

Referring to the drawings, the number 4 designates a portion of an ordinary gas-bracket provided with the gas-burner 5, and having the globe-holder 6 secured thereupon and supporting the globe 7, which is indicated in broken lines.

My improvement consists in connecting the bent gas-tube 8 with the straight gas-socket piece 9, which fits over the gas-burner by means of the elbow-coupling 10, which is formed with a channel or bore, 11, running at right angles or L-shaped through it, one mouth of which channel is internally-screw-threaded, as at 12, and the other of which is externally-screw-threaded, as at 13. The gas-socket 9 is internally-screw-threaded and screwed upon the end 13 of the coupling, while the bent gas tube is secured to the coupling by means of the externally-screw-threaded end thereof being inserted within the mouth 12 of the coupling. However, the gas-tube 8 may be secured to the coupling merely by soldering the end within the mouth of the coupling without the use of the screw-threads.

To the lower end of the gas-tube is attached the flexible drop-pipe 14, which is shown in position in Fig. 1, and which is designed to connect with a gas-stand. (Not shown.)

Having thus described my invention, I claim as new and desire to secure by Letters Patent—
In a detachable stork-neck attachment, the combination, with the internally-screw-threaded gas-socket 9 for receiving the gas-burner, and the externally-screw-threaded bent gas-tube 8, of the elbow-coupling 10, connecting the socket and the tube and provided with the right-angled channel or bore 11, and formed with the internal screw-thread, 12, and the external screw-thread, 13, substantially as and for the purpose herein described.

In witness whereof I have hereunto set my hand.

WILLIAM D. MASON.

Witnesses:

J. A. MILLER, Jr.,
M. F. BLIGH.